



Tun Ahmad Shah Abdullah OIL & GAS ACADEMY



Supported by School of Engineering and Information Technology
Universiti Malaysia Sabah

OUR VISION

To become a premier academy for the skill and knowledge advancement through highly specialised programmes and research to meet the aspiration of Oil & Gas industry



OUR MISSION

Committed to be a global market provider through the development of high quality and specialised Oil & Gas training programmes







Tun Ahmadshah Abdullah - OIL & GAS Academy

TAS Academy is an acronym for Tun Ahmadshah Abdullah Oil & Gas Academy and successfully launched by His Excellency Tuan Yang Terutama (TYT) Tun Datuk Seri Panglima Haji Ahmadshah Bin Abdullah on 16 August 2008. The academy was established by UMSLink Silverkris Sdn Bhd to develop the oil & gas industry's workforce capability at present and in the future by having skilled and motivated people for continuing success and sustainability of our oil & gas industries in the global chain.

TAS Academy strives to achieve the industry's expectation that be able to successfully bring together the industry's requirements for people, skills and knowledge within the organisations and individuals that can fulfil them. This objective can be achieved by facilitating the connection between the organisations and the individuals that can prepare and develop their skills, knowledge and behaviors that will allow the industry to operate in a safe and effective way. All programmes offered in our academy have been carefully structured to meet all the standards and requirements by all oil & gas industries.

The Academy aims to provide solution to the employers to develop quality skilled and trained employees in the oil & gas industry. Through the academic and physical support from the School of Engineering and Information Technology of UMS, TAS Academy will perform and enable the delivery of a workforce with appropriate and relevant skills to support a world-class business.



Foundation Certificate In Mechanical & Process Technician

Level - 1 (FMP-1)

PROGRAM OBJECTIVES

- To enable the participants to acquire a foundation knowledge and skill in Mechanical and Process Technician in line with BTEC competency base standard Level 1.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Junior Technician' to the Oil & Gas and other industries.

Area of Specialisation

- Mechanical Technician
- Process Technician

Programme Structure - Duration 6 months

- Engineering Basic
- Introduction to Oil & Gas Business
- Introduction to Oil & Gas Common Equipment
- Introduction to Oil & Gas HSE Management
- Introduction to Oil & Gas Operation & Maintenance Philosophy
- Offshore/Onshore Practical Training

Entry Requirements

- 3 Principals or CGPA \geq 2.50 STPM/'A' levels (Science Stream) or equivalent or
- CGPA \geq 2.50 Malaysian Government Matriculation or equivalent or
- CGPA \geq 2.50 Diploma in Engineering and
- Physically fit and healthy, must pass medical examination.

Where Will It Lead?

Completion of the Foundation Certificate in Mechanical & Process Technician will provide successful student to start their career in Oil & Gas industry as a Junior Technician or continue to strengthen their skill by entering **Level 2**.



Foundation Certificate In Electrical & Instrument Technician

Level - 1 (FEI-1)

PROGRAM OBJECTIVES

- To enable the participants to acquire a foundation knowledge and skill in Electrical and Instrument Technician in line with BTEC competency base standard Level 1.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Junior Technician' to the Oil & Gas and other industries.

Area of Specialisations

- Electrical Technician
- Instrument Technician



Programme Structure - Duration 6 months

- Engineering Basic
- Introduction to Oil & Gas Business
- Introduction to Oil & Gas Common Equipment
- Introduction to Oil & Gas HSE Management
- Introduction to Oil & Gas Operation & Maintenance Philosophy
- Offshore/Onshore Practical Training

Entry Requirements

- 3 Principals or CGPA \geq 2.50 STPM/'A' levels (Science Stream) or equivalent or
- CGPA \geq 2.50 Malaysian Government Matriculation or equivalent or
- CGPA \geq 2.50 Diploma in Engineering and
- Physically fit and healthy, must pass medical examination.

Where Will It Lead?

Completion of the Foundation Certificate in Electrical & Instrument Technician will provide successful student to start their career in Oil & Gas industry as a Junior Technician or continue to strengthen their skill by entering **Level 2**.

Intermediate Certificate In Electrical Operation Technician

Level - 2 (EOT-2)

Intermediate Certificate In Instrument Operation Technician

Level - 2 (IOT-2)

PROGRAM OBJECTIVES

- To enable the participants to acquire an intermediate knowledge and skill in Electrical Operation Technician in line with BTEC competency base standard Level 2.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Electrical Technician' to the Oil & Gas and other industries.

PROGRAM OBJECTIVES

- To enable the participants to acquire an intermediate knowledge and skill in Instrument Operation Technician in line with BTEC competency base standard Level 2.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Instrument Technician' to the Oil & Gas and other industries.



Area of Specialisation

- Electrical Technician

Programme Structure - Duration 6 months

- Electrical Tools/System
- Electrical Equipment and Component
- Introduction to Instrument and Process Simulator
- Detail Level 2 Electrical Engineering
- HSE Management Tools
- Offshore/Onshore Practical Training

Entry Requirements

- BTEC Foundation Certificate in Electrical & Instrument Technician

Where Will It Lead?

Completion of the Intermediate Certificate in Electrical Operation Technician will provide successful student to start their career in Oil & Gas industry as a Electrical Technician or continue to strengthen their skill by entering **Level 3**.

Area of Specialisation

- Instrument Technician

Programme Structure - Duration 6 months

- Instrument Tools/System/Device
- Instrument Equipment and Component
- Instrument and Process Simulator
- Detail Level 2 Instrument Engineering
- HSE Management Tools
- Offshore/Onshore Practical Training

Entry Requirements

- BTEC Foundation Certificate in Electrical & Instrument Technician

Where Will It Lead?

Completion of the Intermediate Certificate in Instrument Operation Technician will provide successful student to start their career in Oil & Gas industry as a Instrument Technician or continue strengthen to their skill by entering **Level 3**.

PROGRAM OBJECTIVES

- To enable the participants to acquire an intermediate knowledge and skill in Mechanical Operation Technician in line with BTEC competency base standard Level 2.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Mechanical Operation Technician' to the Oil & Gas and other industries.



Area of Specialisation

- Mechanical Technician

Programme Structure - Duration 6 months

- Mechanical Equipment and Component
- Instrument and Process Simulator
- Detail Level 2 Mechanical Engineering
- HSE Management Tools
- Offshore/Onshore Practical Training

Entry Requirements

- BTEC Foundation Certificate in Mechanical & Process Technician

Where Will It Lead?

Completion of the Intermediate Certificate in Mechanical Operation Technician will provide successful student to start their career in Oil & Gas industry as a Mechanical Operation Technician or continue to strengthen their skill by entering **Level 3**.

PROGRAM OBJECTIVES

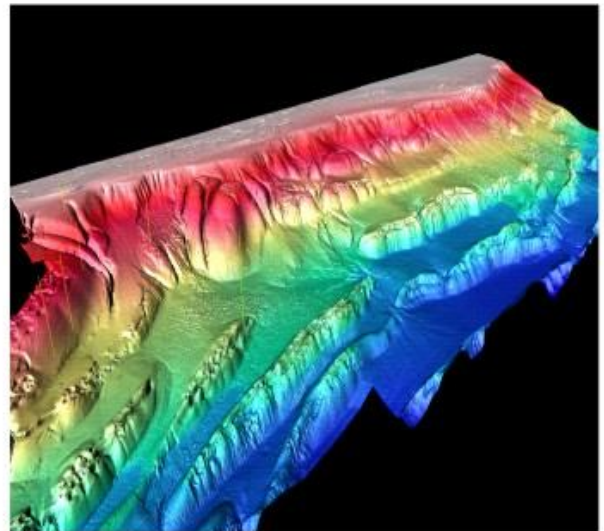
- To enable the participants to acquire an intermediate knowledge and skill in Oil & Gas Operation Technician in line with BTEC competency base standard Level 2.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Oil & Gas Operation Technician' to the Oil & Gas and other industries.

Area of Specialisation

- Oil & Gas Production Technician

Programme Structure - Duration 6 months

- Production Equipment and Component
- Instrument and Process Simulator
- Detail Level 2 Production Engineering
- HSE Management Tools
- Offshore/Onshore Practical Training



Entry Requirements

- BTEC Foundation Certificate in Mechanical & Process Technician

Where Will It Lead?

Completion of the Intermediate Certificate in Mechanical Operation Technician will provide successful student to start their career in Oil&Gas industry as a Oil&Gas Op Technician or continue to strengthen their skill by entering **Level 3**.

Advanced Diploma In Electrical Engineering Technician

Level - 3 (EET-3)

PROGRAM OBJECTIVES

- To enable the participants to acquire an advance knowledge and skill in Electrical Engineering Technician in line with BTEC competency base standard Level 3.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Senior Electrical Engineering Technician' to the Oil & Gas and other industries.



Area of Specialisation

- Electrical Engineering

Programme Structure - Duration 6 months

- Electrical Equipment and Component
- Instrument and Process Simulator
- Detail Level 3 Electrical Engineering
- Hazard & Effect Management Process
- Emergency Response Procedure
- Offshore/Onshore Practical Training

Entry Requirements

- BTEC Intermediate Certificate in Electrical Operation Technician

Where Will It Lead?

Completion of the Advance Diploma in Electrical Engineering Technician will provide successful student to start their career in Oil & Gas industry as a Senior Electrical Engineering Technician.

Advanced Diploma In Instrument Engineering Technician

Level - 3 (IET-3)

PROGRAM OBJECTIVES

- To enable the participants to acquire an advance knowledge and skill in Instrument Engineering Technician in line with BTEC competency base standard Level 3.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Senior Instrument Engineering Technician' to the Oil & Gas and other industries.

Area of Specialisation

- Instrument Engineering

Programme Structure - Duration 6 months

- Instrument Equipment and Component
- Instrument and Process Simulator
- Detail Level 3 Instrument Engineering
- Hazard & Effect Management Process
- Emergency Response Procedure
- Offshore/Onshore Practical Training



Entry Requirements

- BTEC Intermediate Certificate in Instrument Operation Technician

Where Will It Lead?

Completion of the Advance Diploma in Instrument Engineering Technician will provide successful student to start their career in Oil & Gas industry as a Senior Instrument Engineering Technician.

PROGRAM OBJECTIVES

- To enable the participants to acquire an advance knowledge and skill in Mechanical Engineering Technician in line with BTEC competency base standard Level 3.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Senior Mechanical Engineering Technician' to the Oil & Gas and other industries.

Area of Specialisation

- Mechanical Engineering

Programme Structure - Duration 6 months

- Mechanical Equipment and Component
- Instrument and Process Simulator
- Detail Level 3 Mechanical Engineering
- Hazard & Effect Management Process
- Emergency Response Procedure
- Offshore/Onshore Practical Training



Entry Requirements

- BTEC Intermediate Certificate in Mechanical Operation Technician

Where Will It Lead?

Completion of the Advance Diploma in Mechanical Engineering Technician will provide successful student to start their career in Oil & Gas industry as a Senior Mechanical Engineering Technician.

PROGRAM OBJECTIVES

- To enable the participants to acquire an advance knowledge and skill in Oil & Gas Production Engineering Technician in line with BTEC competency base standard Level 3.
- To enhance the employability of the participants.
- To prepare participant with the specific knowledge and skills in order to equip them as a 'Senior Oil & Gas Production Engineering Technician' to the Oil & Gas and other industries.



Area of Specialisation

- Oil & Gas Production Engineering

Programme Structure - Duration 6 months

- Production Equipment and Component
- Instrument and Process Simulator
- Detail Level 3 Oil&Gas Production Engineering
- Hazard & Effect Management Process
- Emergency Response Procedure
- Offshore/Onshore Practical Training

Entry Requirements

- BTEC Intermediate Certificate in Oil & Gas Production Operation Technician

Where Will It Lead?

Completion of the Advance Diploma in Oil & Gas Production Engineering Technician will provide successful student to start their career in Oil & Gas industry as a Senior Oil & Gas Production Engineering Technician.



TUN AHMADSHAH ABDULLAH
OIL & GAS ACADEMY

APPLICATION FORM

Recent Photograph

A. PROGRAMME

Level 1	Foundation Certificate in Mechanical & Process Technician	
Level 1	Foundation Certificate in Electrical & Instrument Technician	
Level 2	Intermediate Certificate in Operation Technician	
	Intermediate Certificate in Electrical Operation Technician	
	Intermediate Certificate in Instrument Operation Technician	
	Intermediate Certificate in Mechanical Operation Technician	
	Intermediate Certificate in Oil & Gas Production Operation Technician	
Level 3	Advance Diploma In Engineering Technician	
	Advanced Diploma In Electrical Engineering Technician	
	Advanced Diploma In Instrument Engineering Technician	
	Advanced Diploma In Mechanical Engineering Technician	
	Advanced Diploma in Oil & Gas Production Engineering Technician	

B. PERSONAL PARTICULARS

NAME:			
NEW IC NO:*		IC NO/PASSPORT NO:*	
ADDRESS:			
TELEPHONE:	H	FAX NO:	
	O	EMAIL 1:	
	H/P	EMAIL 2:	
PLACE OF BIRTH:		AGE:	
MARITAL STATUS:		SEX:	MALE <input type="checkbox"/> FEMALE <input type="checkbox"/>
NATIONALITY:		RELIGION:	
RACE:		NO OF DEPENDENT:	

C. FAMILY PARTICULARS

FATHER:		MOTHER:	
JOB:		JOB:	
INCOME P/M:		INCOME P/M:	

D. ACADEMIC ACHIEVEMENT *

NAME OF INSTITUTION School/College/Polytechnics/University	YEARS ATTENDED		NAME OF AWARD	CLASS OF HONOUR/CGPA
	From	To		

E. ENGLISH LANGUAGE PROFICIENCY

WRITTEN:	Excellent <input type="checkbox"/>	Good <input type="checkbox"/>	Modest <input type="checkbox"/>	Weak <input type="checkbox"/>
ORAL:	Excellent <input type="checkbox"/>	Good <input type="checkbox"/>	Modest <input type="checkbox"/>	Weak <input type="checkbox"/>

*Please append two (2) certified true copy of the required document

F. WORKING EXPERIENCE

NAME/ADDRESS OF EMPLOYER	PERIOD OF EMPLOYMENT		POSITION	RESPONSIBILITY
	From	To		

G. FINANCIAL SUPPORT (How do you intend to finance your study)

TYPE OF FINANCING	FINANCIER NAME	(√)
SELF FINANCING		
COMPANY FINANCING		
BANK LOANS		
EPF WITHDRAWAL		
OTHERS (please specify)		

H. IN CASE OF EMERGENCY

NAME:			
ADDRESS:			
OCCUPATION:		RELATIONSHIP:	
TELEPHONE:		H/P:	

I. DECLARATION

I, hereby declare that all the information stated in this form is correct and true and i understand that Tun Ahmadshah Abdullah Oil & Gas Academy has the right to reject this application, revoke the course offered or terminate my studies in the Academy at any time if any information or certificates given are found to be falsed.

APPLICANT SIGNATURE

DATE

For Further Enquiries :

<http://www.umslink.com.my>

